

小鼠抗 MRPL44 单克隆抗体

中文名称： 小鼠抗 MRPL44 单克隆抗体

英文名称： Anti-MRPL44 mouse monoclonal antibody

别名： mitochondrial ribosomal protein L44; L44MT; COXPD16; MRP-L44

相关类别： 一抗

储存： 冷冻 (-20℃)

宿主： Mouse

抗原： MRPL44

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

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| Background: | Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein. |
| Applications: | WB, IHC |

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| Name of antibody: | MRPL44 |
| Immunogen: | Fusion protein of human MRPL44 |
| Full name: | mitochondrial ribosomal protein L44 |
| Synonyms: | L44MT; COXPD16; MRP-L44 |
| SwissProt: | Q9H9J2 |
| IHC positive control: | Human colorectal cancer and Human thyroid cancer; Human endometrial cancer and Human prostate cancer |
| IHC Recommend dilution: | 200-500 |
| WB Predicted band size: | 38 KD |
| WB Positive control: | Jurkat, K562, A549, MCF7, HeLa, HepG2, 293T cell lysates |
| WB Recommended dilution: | 200-1000 |